

HISTORIC PROPERTY INVENTORY FORM

IDENTIFICATION SECTION

Field Site No. 622-D OAHP No. _____ Date Recorded 15 Aug 1996
Site Name Historic Storage Building Revised 01 June 1998
Common _____
Field Recorder Carmen Perez, D.W. Harvey, J.K. Keating
Owner's Name U.S. Department of Energy, Richland Operations Office
Address P.O. Box 550
City/State/Zip Code Richland, WA 99352

State of Washington, Department of Community Development
Office of Archaeology and Historic Preservation
111 21st Avenue Southwest, Post Office Box 48343
Olympia, Washington 98504-8343 (206)753-4011

Status

☒ Survey/Inventory
☐ National Register
☐ State Register
☐ Determined Eligible
☐ Determined Not Eligible
☐ Other (HABS, HAER, NHL)
☐ Local Designation

Photography

HCRL: _____
Photography Neg. No. Roll 248, Frames 23- 24
(Roll No. & Frame No.) Roll 336, Frames 9-11
View of _____ All Facades
Date _____ September 1996, April 1998

Photo at right: Roll 336, Frame 11
View of north and east facades.

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object
District Status ☒ NR ☐ SR ☐ LR ☐ INV
Contributing ☒ Non-Contributing ☐
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Era Historic District

Description Section

Materials & Features/Structural Types

Building Type Industry
Plan Rectangular
Structural System Wood and steel
No. of Stories One

Roof Type

☐ Gable ☐ Hip
☐ Flat ☐ Pyramidal
☐ Monitor ☒ Other (specify)
☐ Gambrel Vaulted
☐ Shed

Cladding (exterior Wall Surfaces)

☐ Log
☐ Horizontal Wood Siding
Rustic/Drop ☐
Clapboard ☐
☐ Wood Shingle
☐ Board and Batten
☒ Vertical Board
☐ Asbestos/Asphalt
☐ Brick
☐ Stone
☐ Stucco
☐ Terra Cotta
☐ Concrete/Concrete Block
☐ Vinyl/Aluminum Siding
☒ Metal (specify) Corrugated
☐ Other (specify) _____

Roof Material

☐ Wood Shingle
☐ Wood Shake
☐ Composition
☐ Slate
☐ Tar/Built-up
☐ Tile
☒ Metal (specify) Corrugated Metal
☐ Other (specify) _____
☐ Not visible

Foundation

☐ Log ☐ Concrete
☐ Post & Pier ☐ Block
☐ Stone ☒ Poured
☐ Brick ☐ Other (specify)
☐ Not visible

Integrity

(Include detailed description in
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LOCATION SECTION

Address Building 622-D, 600 Area Meteorological Complex,
City/Town/County/Zip Code Richland/Benton County/99352
Twp 13 N Range 26 E Section 31 1/4 Section SE 1/4 1/4 Sec SE, SE
Tax No./Parcel No. _____ Acreage _____
Quadrangle or map name Gable Butte, Washington Quad. - 7.5 min series 1986
UTM References Zone 11 Easting 300620 Northing 5159640
Plat/Block/Lot _____
Supplemental Map(s) _____



High Styles/Forms (Check one or more of the following)

<input type="checkbox"/> Greek Revival	<input type="checkbox"/> Spanish Colonial Revival/Mediterranean
<input type="checkbox"/> Gothic Revival	<input type="checkbox"/> Tudor Revival
<input type="checkbox"/> Italianate	<input type="checkbox"/> Craftsman/Arts & Crafts
<input type="checkbox"/> Second Empire	<input type="checkbox"/> Bungalow
<input type="checkbox"/> Romanesque Revival	<input type="checkbox"/> Prairie Style
<input type="checkbox"/> Stick Style	<input type="checkbox"/> Art Deco/Art Moderne
<input type="checkbox"/> Queen Anne	<input type="checkbox"/> Rustic Style
<input type="checkbox"/> Shingle Style	<input type="checkbox"/> International Style
<input type="checkbox"/> Colonial Revival	<input type="checkbox"/> Northwest Style
<input type="checkbox"/> Beaux Arts/Neoclassical	<input type="checkbox"/> Commercial Vernacular
<input type="checkbox"/> Chicago/Commercial Style	<input type="checkbox"/> Residential Vernacular (see below)
<input type="checkbox"/> American Foursquare	<input checked="" type="checkbox"/> Other (specify)
<input type="checkbox"/> Mission Revival	<u>Quonset Hut</u>

Vernacular House Types

<input type="checkbox"/> Gable Front	<input type="checkbox"/> Cross Gable
<input type="checkbox"/> Gable Front and Wing	<input type="checkbox"/> Pyramidal/Hipped
<input type="checkbox"/> Side Gable	<input type="checkbox"/> Other (specify)

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

☐ Agriculture
☐ Architecture/Landscape Architecture
☐ Arts
☐ Commerce
☐ Communications
☐ Community Planning/Development

☐ Conservation
☐ Education
☐ Entertainment/Recreation
☐ Ethnic Heritage (specify) _____
☐ Health/Medicine
☐ Manufacturing/Industry
☐ Military

☐ Politics/Government/Law
☐ Religion
☐ Science & Engineering
☐ Social Movements/Organizations
☐ Transportation
☒ Other (specify) Cold War Era
☒ **Study Unit Sub-Theme(s)** Health Safety, Medical; Research & Development

Statement of Significance

Date of Construction 1949 Architect/Engineer/Builder U.S. Atomic Energy Commission

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The 622 Hanford Meteorology Station consists of several buildings and structures that support the complex's function to conduct air monitoring, atmospheric studies and evaluate atmospheric impacts on dispersion of airborne hazardous materials. Scientists and the builders of the Hanford Site established this comprehensive meteorological program to determine weather conditions that would allow for safe release of process gasses (especially from the 221 Buildings). Eventually, the Hanford Meteorology Station started collecting data specified by the U.S. Weather Bureau (now the National Weather Service) which included all standard surface weather observations. Today, the Hanford Meteorology Station also compiles climatological data and provides forecasts to the Hanford Site staff and emergency response teams. It is now an U.S. government weather station.

The 622-D Building was used by the Occupational and Environmental Protection Department for general storage of water samples and equipment such as pumps, pipes and maintenance equipment.

The 622 Complex played an important role in the pioneering concept of environmental monitoring and ensuring health and safety in the region through studies and use of atmospheric data. The 622-D Storage Building provided a necessary support function as a storage facility for equipment used at the complex. It is therefore the conclusion of the U.S. Department of Energy that Building 622-D is eligible for inclusion in the National Register of Historic Places under Criterion A as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

622-D is a quonset hut building erected on a concrete slab with building measurements of 48.7 feet by 21.8 feet. The building has a large double leaf hinged door on the east facade with a "goose-neck" light fixture above it. The west facade, which has undergone slight alterations, contains a single door and a window. The interior wall surfaces are masonite and the interior has been divided into two storage areas at an unknown date. The exterior siding is corrugated sheet metal and some vertical board. The roof is a rounded arch and covered with the same corrugated sheet metal. The building is currently empty and no longer in use.

Major Bibliographic References

Atomic Energy Commission. 1964. *Catalog of Hanford Buildings and Facilities, Miscellaneous*. GEH-26434. Richland, Washington.

Battelle Facilities Administration. n.d. *Facilities Catalog*. PNL-MA-587. Battelle, Pacific Northwest Laboratories. Richland, Washington.

Nelson, Charles L. (PNNL). April 1998. Personal Communication. Richland, Washington.

U.S. Department of Energy, Richland Operations Office (DOE-RL). 1994. *Meteorological and Climatological Services*. RL-P94-022. Richland, Washington.